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No. 6] NEW DELHI, SATURDAY, FEBRUARY 11, 1984 (MAGHA 22, 1905)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
 [Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड २

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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APPLICATION FOR PATENTS FILED AT THE HEAD
OFFICE, 214, ACHARYA JAGADISH BOSE ROAD, CAL-
CUTTA-700017

5th January, 1984

7/Cal/84. Ranendra Kumar Bhattacharya. A process for superficial air blowing in electric arc furnace for enhancing reaction rates in order to achieve shorter refining time and reduced power and electrode consumption.

8/Cal/84. Paul Opprecht. Method of electrical resistance-welding and installation for carrying out said method and use of said method in drum manufacture.

9/Cal/84. Energy Conversion Devices, Inc. Electronic matrix arrays and method for making, parallel preprogramming or field programming the same.

10/Cal/84. Young Sul Kim. A process for producing cephalosporin derivatives. [Divisional date 5th May, 1982].

11/Cal/84. Young Sul Kim. A process for producing penicillin derivatives. [Divisional date 5th May, 1982].

6th January, 1984.

12/Cal/84. Combustion Engineering, Inc. Externally adjustable pipe orifice Assembly.

13/Cal/84. Regents of the University of Minnesota. Guideway construction.

14/Cal/84. Westinghouse Electrical Corporation. Secondary circuit breaker for distribution transformer.

15/Cal/84. Mitsubishi Jukogyo Kabushiki Kaisha. Lift of boarding bridge.

7th January, 1984

16/Cal/84. Voest-Alpine Aktiengesellschaft. Apparatus for drying organic solid materials.

17/Cal/84. Voest-Alpine Aktiengesellschaft. Crawler chassis.

9th January, 1984

18/Cal/84. Personal Products Company. Resilient cellular polymers from amine terminated poly (oxyalkylene) and polyfunctional epoxides.

19/Cal/84. Westinghouse Electric Corporation. Improvements in or relating to grooved honeycomb labyrinth seal.

20/Cal/84. Westinghouse Electric Corporation. Power supply apparatus.

21/Cal/84. Apsley Metals Limited. Manufacture of vehicle tyres. (15th January, 1983).

10th January, 1984.

22/Cal/84. Unilever PLC. Nickel-based catalyst, its preparation and its application.

23/Cal/84. Taprogge Gesellschaft mbH. Filtering equipment for the mechanical purification of flowing water.

24/Cal/84. Trutzschler GmbH & Co. KG. Fixture for separating loose fiber flakes.

25/Cal/84. Ram Prakash Aneja and National Dairy Development Board. A liquid bulk vending apparatus.

11th January, 1984

26/Cal/84. Nabu Kumar Bandopadhyay. Precision limit switch.

27/Cal/84. Nabu Kumar Bandopadhyay. Water turbine generator.

28/Cal/84. Stoping Aktiengesellschaft. Improvements in or relating to rotary locks, gates or valves for use in melting and smelting operations of metals.

COMPLETE SPECIFICATION ACCEPTED

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CLASS : 159 F, 29 D.

152543.

Int. Class : B61k 9/10

A DEVICE FOR DISPLAYING AT LEAST ONE CATEGORY OF GEOMETRICAL DEFECTS MEASURED ON RAILWAY TRACK SECTIONS OF GIVEN LENGTH.

Applicant : SPENO INTERNATIONAL S.A., A COMPANY ORGANISED UNDER THE LAWS OF THE STATE OF GENEVA, SWITZERLAND OF 22-24 PARC CHATEAU-BANQUET, 1211 GENEVA 21, SWITZERLAND.

Inventor : ROMOLO PANETTI.

Application for Patent No. 500/Del/79 filed on 10th July, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch New Delhi.

2 Claims

A device for displaying at least one category of geometrical defects measured on railway track sections of given length, comprising a measuring means for measuring the amplitude of a sampling of at least one category of geometrical defects of railway tracks and a processing circuit for the measurement values comprising a memory means for recording the amplitude of the defects measured on track sections of given length traversed in succession, a classification means for distributing said amplitude within a plurality of classes of increasing importance, a counter means for counting the number of said defects in each of said classes and for each of said sections, an output means for transcribing the numbers thus obtained for each section, and a support document readable according to two perpendicular directions one of which is representative of said succession of sections and the other of which is representative of the succession of said classes in their increasing order, wherein the output means is connected to a discriminator means connected to said counter means for segregating from the counting the numbers whose value is less than or equal to a predetermined minimum and

printing on the support document an analogical image of the state of the track formed by the envelope of the remaining numbers.

(Complete specification 13 pages. Drawing 1 sheet).

CLASS : 88 F. 152544.

Int. Class : B011 3/04, 13/00.

APPARATUS AND PROCESS FOR DISSOLUTION OF GASES IN LIQUID.

Applicant : DORR-OLIVER INCORPORATED, OF 77 HAVEMEYER LANE, STAMFORD, CONNECTICUT 06904, UNITED STATES OF AMERICA, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA.

Inventor : PETER KOS.

Application for Patent No. 501/Del/79 filed on 11th July, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

18 Claims

Apparatus for dissolving gas in a liquid comprising an inlet for introducing a liquid stream into said apparatus, means for injecting a gas into said liquid stream to produce a mixed gas-liquid stream, a contact chamber arranged to receive said mixed gas-liquid stream for vertically downward flow therethrough, means for maintaining said contact chamber at an elevated pressure, a flow distributor at the upper end of said contact chamber to assure that a uniform velocity of flow is achieved as measured along a cross-section of said liquid stream in said chamber, said contact chamber being of essentially uniform cross-section so that a substantially constant velocity of said mixed gas-liquid stream may be maintained therein, gas bubble collecting means located adjacent the lower end of said contact chamber to collect undissolved gas present in said mixed gas-liquid stream after it traverses said contact chamber, gas recycle means connecting said gas bubble collecting means to an upstream location in said liquid stream so that said gas is reintroduced into said liquid stream and an outlet to permit the treated liquid stream to exit said apparatus.

(Complete specification 19 pages. Drawing 4 sheets).

CLASS : 63 I J. 152545.

Int. Class : H02k 47/30, H02m 5/04.

STATIC PHASE CONVERTER.

Applicant : BHARAT HEAVY ELECTRICALS LIMITED, 18-20, KASTURBA GANDHI MARG, NEW DELHI-110001, INDIA, AN INDIAN COMPANY.

Inventors : NANDURI SURYANARAYANA MURTHY & NAGORE VENKATRAYA KRISHNASWAMI.

Application for Patent No. 504/Del/79 filed on 12th July, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

4 Claims.

A static phase converter for operating a three phase motor from a single phase power source comprising a running capacitor connected across the second and third windings of the motor, a starting capacitor connected in parallel to said running capacitor, a time delay actuator connected across the power source and adapted to disconnect the starting capacitor upon the motor attaining its running speed, and a reactor adapted to be connected across the first and third windings of said motor when the starting capacitor is disconnected herefrom.

(Complete specification 9 pages Drawing 1 sheet).

CLASS : 63 I J.

152546.

Int. Class : H02k 47/30, H02m 5/04.

STATIC PHASE CONVERTER.

Applicant : BHARAT HEAVY ELECTRICALS LIMITED, 18-20 KASTURBA GANDHI MARG, NEW DELHI-110001, INDIA, AN INDIAN COMPANY.

Inventors : NANDURI SURYANARAYANA MURTHY & N. V. KRISHNASWAMI.

Application for Patent No. 505/Del/79 filed on 12th July, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

2 Claims.

A static phase converter for operating a three phase motor from a single phase power source comprising a running capacitor connected across the second and third windings of the motor, a starting capacitor connected in parallel to said running capacitor, a time delay actuator connected across the power source and adapted to disconnect the starting capacitor upon the motor attaining its running speed, and a reactor adapted to be connected across the first and third windings of said motor when the starting capacitor is disconnected therefrom is characterised in that said time delay actuator includes a contact having a contactor coil which is connected to the power source upon energisation of said contact by said time delay actuator.

(Complete specification 10 pages. Drawing 1 sheet).

CLASS : 63 I J.

152547

Int. Class : H02k 47/30, H02m 5/04.

STATIC PHASE CONVERTER.

Applicant : BHARAT HEAVY ELECTRICALS LIMITED, 18-20 KASTURBA GANDHI MARG, NEW DELHI-110001, INDIA, AN INDIAN COMPANY.

Inventors : NANDURI SURYANARAYANA MURTHY & NARUNI VAIDYANATHA IYER KRISHNASWAMI.

Application for Patent No. 506/Del/79 filed on 12th July, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

3 Claims.

A static phase converter for operating a three phase motor from a single phase power source comprising a running capacitor connected across the second and third windings of the motor, a starting capacitor connected in parallel to said running capacitor, a reactor connected across the first and third windings of said motor, characterised in that a saturable core reactor is connected in parallel to said starting capacitor and feed means provided for said saturable core reactor.

(Complete specification 6 pages. Drawing 1 sheet).

CLASS : 32F₂(b).

152548

Int. Class : C07. 79/10.

A PROCESS FOR OBTAINING 1, 5-DINITRO-ANTHRACIQUINONE OF IMPROVED PURITY.

Applicant : PRODUITS CHIMIQUES UGINE KUHLMANN, A FRENCH COMPANY, OF TOUR MANHATTAN DEFENSE 2, 5 & 6 PLACE DE I, Iris, 92400 COURSE-VOIE, FRANCE.

Inventor : MAURICE VALLETTE.

Application for Patent No. 508/Del/79 filed on 13th July, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

6 Claims.

A process for obtaining 1, 5-dinitro-anthraquinone of improved purity from a mixture containing, besides the 1, 5-dinitro-anthraquinone, up to 75% by weight of other dinitro derivatives and possibly of mononitro-anthraquinone and anthraquinone, in which such a mixture optionally in the form of wet press cake is treated at a temperature going from 150° to 200°C with an ester of boiling point at atmospheric pressure greater than 150°C derived from an aliphatic alcohol containing 1 to 4 carbon atoms and a mono- or di-carboxylic acid or phosphoric acid or with a mixture of such esters and then, after optional cooling without the temperature falling below 150°C, separating the insoluble material consisting essentially of 1, 5-dinitro-anthraquinone.

(Complete specification 12 pages).

CLASS : 32F₂(*) 152549
Int. Class : C07c 49/00.

"A PROCESS FOR PURIFYING α , α' -DINITRO-ANTHRAQUINONES".

Applicant : PRODUITS CHIMIQUES UGINE KUHLMANN, A FRENCH COMPANY, OF TOUR MANHATTAN- LA DEFENSE 2, 5, & 6, PLACE DE l'IRIS, 92400 COURBEVOIE, FRANCE.

Inventor : MOURICE VALLETIE.

Application of Patent No. 509/Del/79 filed on 13th July 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

9 Claims.

A process for obtaining α , α' -dinitro-anthraquinones of improved purity from a mixture containing the α , α' derivatives, α , β and β , β derivatives and possibly mononitro-anthraquinone and anthraquinone, the total amount of compounds other than the α , α' derivatives representing up to 50% by weight, by treatment of such a mixture with an organic solvent in which the α , α' derivatives are practically insoluble, in that there is used as solvent an ester of a mono- or di-carboxylic acid or phosphoric acid, the boiling point of the said ester at the atmospheric pressure being greater than 120°C.

(Complete specification 19 pages).

CLASS 32F₂(a) & 55E₄ 152550
Int. Class : C07c 167/00.

METHOD OF PREPARING HEMIESTERS OF STERYL GLYCOSIDES.

Applicant : ROECAR HOLDINGS (NETHERLANDS ANTILLES) N.V., OF KERKSTRAAT 10A, WILLEMSTAD CURACAO, NETHERLANDS ANTILLES, A COMPANY ORGANISED UNDER THE LAWS OF THE NETHERLANDS ANTILLES.

Inventor : KARL HEINRICH PEGEL.

Application for Patent No. 510/Del/79 filed on 16th July, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

4 Claims.

A method of preparing hemiesters of steryl glycosides and their pharmaceutically acceptable salts characterised in that a steryl glycoside is reacted with the relevant molar proportions of a dibasic acid or its anhydride under usual esterification conditions and that the thus formed hemiester is separated from the reaction mixture and, if desired, converting said hemiester into their pharmaceutically acceptable salts by method known per se.

(Complete specification 35 pages. Drawing 1 sheet).

CLASS : 32E. 152551.

Int. Class : C08 f—29/00, 47/00.

A PROCESS FOR THE MANUFACTURE OF LIQUID PLASTICS.

Applicant & Inventor : MOHAMAD SIRAJUDDIN, NO. 6, AKSHAR COLONY, OUTSIDE SHAHPUR GATE, AHMEDABAD-380 001, GUJARAT, INDIA.

Application No. 159/BOM/1980 filed Jun, 10, 1980.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972), Patent Office, Bombay Branch.

6 Claims.

A process for the manufacture of liquid plastics as herein described comprising crosslinking 17% by weight of polystyrene with 0.43% by weight of styrene-butadiene rubber, solubilizing the crosslinked product in 76.60% by weight of an organic aromatic solvent such as herein described, plasticizing the solubilized product in 3.4% by weight of a known plasticizer, adding 1.7% by weight of an anti-static agent such as herein described followed by the step of further addition of 0.85% by weight of mineral/spindle oil such as herein described or 0.8% by weight of silinone resin and thereafter treating the entire formulation with anhydrous calcium chloride as a dehydrating agent and subsequently filtering off the hydrous calcium chloride to obtain said liquid plastics.

Complete specification 14 pages, Drawing Nil.

CLASS : 32F₂ + 55 E₄. 152552.

Int. Class : C07c + 129/00 + A 61 k—27/00.

PROCESS FOR THE PREPARATION OF AMIDINOURREA DERIVATIVES.

Applicant : UNICHEM LABORATORIES LIMITED OF UNICHEM BHAVAN, S. V. ROAD, BOMBAY-400 102, INDIA.

Inventor : DR. PRAKASH AMRUT MODY.

Application No. 138, BOM/81 filed on May 14, 1981.

Comp. After Prov. Left on April 30, 1982.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972), Patent Office, Bombay Branch.

4 Claims.

A process for the preparation of amidinoburea derivatives as herein described of formula 1 as shown in the accompanying drawings wherein R is an alkyl radical containing not more than 5 carbon atoms, R₁ and R₂ are same or different groups selected from hydrogen or methyl radical which process comprises reacting an aryl isocyanate of formula 2 as shown in the accompanying drawings wherein R¹ and R² have aforesaid meanings, with S-methyl pseudothiourea sulphate of formula 3 of the accompanying drawings to give a compound of the formula 4 shown in the accompanying drawing and reacting this compound with an alkylamine of formula RNH₂ where R has the above defined meaning.

Prov. Specn. 6 Pages Drawing—Nil.

(Complete Specn. 8 pages. Drawing—1 sheet).

CLASS : 119 F. 152553

Int. Class : D 03 d 47/00.

A WEFT THREAD CONTROL DEVICE FOR A WEAVING LOOM WITH REMOVAL OF THE WEFT THREAD FROM A SUPPLY SPOOL.

Applicants : AKTIEBOLAGET IRO OF VISTAHOLM OF P.O. BOX 54, S-52301 ULRICEHAMN, SWEDEN.

Inventors : 1. KAREL PEJCHAL, 2. HANS GUNNAR FRITZON AND 3. RAIMO LINDSTROM.

Application No. 870/Cal/79 filed August 22, 1979.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

24 Claims.

A weft thread control device for a weaving loom removing weft thread from a supply spool, the weft thread being presented from the supply spool via a movable thread guide element to insertion element having a gripping element, gripped by the insertion element and inserted into the shed, characterised in that the weft thread guide element (16) is arranged on a rocker (17, 17') fixed pivotally on at least one side of the sley (batten) (10), the rocker being able to be brought into a first position (I), in which the weft thread guide element (16) presents the weft thread (4a, 4b) for (to) the gripping element (15) in grippable manner, and into a second position (II), in which the weft thread guide element (16) does not keep the weft thread (4a, 4b) grippable for the gripping element (15), by forces derived from the sley (batten) movement in the region of its movement reversal and directed oppositely of the respective direction of sley (batten) movement.

(Compl. specn 34 pages. Drgs. 9 sheets.)

CLASS : 107 G. 152554.

Int. Class : F 01 n 1/00; F 02 f 7/00

A GEAR COVER FOR THE ACCESSORY GEAR TRAIN OF AN INTERNAL COMBUSTION ENGINE.

Applicants : CUMMINS ENGINE COMPANY, INC., OF 1000 5TH STREET, COLUMBUS, INDIANA, UNITED STATES OF AMERICA.

Inventors : 1. EDWARD WILLIAM KASTING.

Application No. 1356/Cal/79 filed December 28, 1979.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

A gear cover for the accessory gear train of an internal combustion engine, which internal combustion engine includes an engine block having an end wall, an engine crankshaft extending from the end wall, a drive gear mounted on the crankshaft outward of the end wall, a crankshaft vibration damper secured to the crankshaft outward of the drive gear and at least one accessory gear mounted in the radial plane defined by the driving gear, said gear cover comprising :

- (a) a front panel arranged to be positioned outwardly of the drive and accessory gears in a generally parallel, spaced relationship to the end wall;
- (b) a side wall integrally connected to the peripheral portion of said front panel and extending thereto in a generally perpendicular direction to terminate in a rim adjacent the end wall; and
- (c) damper housing means connected to said front panel for receiving and completely enclosing the crankshaft vibration damper when said gear cover is mounted on the internal combustion engine, said damper housing means including a forward wall parallel to

and spaced outwardly from said front panel by a distance approximately equal to the distance between the outer extremity of the drive gear and the outer extremity of the crankshaft vibration damper, said damper housing means also including a natural frequency increasing means for increasing the natural frequency of the internal combustion engine to reduce the amount of noise emitted by the internal combustion engine during engine operation, said natural frequency increasing means having an annular surface recessed relative to said forward wall of said damper housing means and arranged concentrically with respect to the rotational axis of the engine crankshaft when said gear cover is mounted on the internal combustion engine.

(Compl. specn. 28 pages. Drgs. 5 sheets.)

CLASS : 68 E; 65 A. 152555

Int. Class : G 05 f 1/64; H 02 m 7/44.

D. C. VOLTAGE CONVERTER.

Applicants & Inventors : THEODORUS VAN BEMMEL OF 3, STAYNER STREET, BEAUMARIS, VICTORIA 3193, AUSTRALIA.

Application No. 39/Cal/80 filed January 10, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A DC voltage converter comprising input terminals for forming a connection with a DC voltage source for providing an output voltage having a nominal value, output terminals for forming a connection with a load, a transistor serving as a switching element, and control signal means for providing a control signal capable of driving the transistor periodically into saturation, characterized in that said control signal means are arranged for providing control pulses derived solely direct from the input terminals, which pulses each have a gradually descending trailing edge, the proportions between the width of such a pulse and the repetition frequency thereof has such a value that the transistor is adapted to generate across the output terminals substantially rectangular pulses, the effective value of which is lower than said nominal value of the DC voltage source in accordance with a pre-determined ratio and is also substantially constant when the voltage delivered by the DC voltage source deviates from this nominal value through a given range.

(Compl. specn. 27 pages. Drg. 8 sheets.)

CLASS : 39 L. 152556.

Int. Class : C 01 g 45/02.

AN IMPROVED PROCESS FOR THE PRODUCTION OF ACTIVE MANGANESE DIOXIDE.

Applicants : INDIAN OXYGEN LIMITED, 'OXYGEN HOUSE' P-34 TARATALA ROAD, CALCUTTA-700053, WEST BENGAL, INDIA.

Inventors : 1. BROJA LAL SEN.

Application No. 105/Cal/80 filed January 29, 1980.

Complete Specification left 31st December 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

11 Claims.

An improved process for the production of active manganese dioxide of gamma structure containing 5-10% water of crystallisation which process comprises the steps of grinding and

mixing manganese ore all passing—200 mesh with a predetermined amount of reductant such as herein described characterised by subjecting the mixed mass to controlled pyro-treatment such as herein described between 250° and 700°C, passing superheated steam over hot mass, quenching the hot mass in water to restrict the rise of temperature within 2°C to 3°C digesting said mass with mineral acid, filtering, washing and finally drying at 35°C to 100°C for 1 hour and then at 50° to 60°C for 2 hours with simultaneous injection of steam until a free flowing condition of MnO₂ is obtained.

(Compl. specn. 13 pages. Drg. Nil.)

CLASS : 206.

152557.

Int. Class : H 03 f 13/00.

CODE IDENTIFICATION APPARATUS.

Applicants : ACCESS CONTROL SYSTEM PTY. LTD. OF 143 QUEEN STREET, MELBOURNE, VICTORIA, AUSTRALIA.

Inventor : DENNIS HOPKINSON.

Application No. 148/Cal/80 filed February 8, 1980.

Convention date : 2nd March, 1979 (PD 7882/79) Australia.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

Code identification apparatus comprising a coded instrument having successive rows of code locations and a reader to which to apply the instrument, said reader comprising :

a body defining an instrument guideway along which to move the instrument with said rows of code locations transverse to the direction of movement of the instrument;

a row of code sensors spaced transversely across the guideway such that on movement of the instrument along the guideway the rows of code locations on the instrument will successively pass the row of code sensors with one code location of each row registering with one of the code sensors, the code sensors, being effective to produce output signals indicative of code information at the code locations as those code locations pass the code sensors; and

signal processing means to receive output signals from all of said code sensors, to determine when there is an output signal from any one or more of said code sensors as a measure of time intervals during which successive rows of code locations are passing the code sensors, to accumulate code sensor output signals received during said time intervals, and to register the accumulated signals on the conclusion of each of said time intervals.

(Compl. specn. 21 pages. Drgs. 3 sheets.)

CLASS : 172 D&F.

152558.

Int. Class : D 01 h 13/00.

HOUSING FOR RECEIVING A THREAD MONITORING UNIT, WHICH COMPRISES A THREAD TENSION SENSOR.

Applicants : SCHUBERT & SALZER MASCHINENFAHRK AKTIENGESELLSCHAFT OF FRIEDRICH-EBERT-STRASSE 84, 8070, INGOLSTADT, GERMANY.

Inventors : HANS POZZO.

Application No. 394/Cal/80 filed April 5, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

housing secured to a support on an open-end spinning machine for receiving a thread monitoring unit, which comprises a thread tensioning sensor, and a switching device for

controlling a fibre feed device, characterized in that the housing comprises two abutment elements cooperating with the support, the first of said abutment elements serving to accommodate the switching device, and the second abutment element serving for mutual alignment of the housing and the support.

(Compl. specn. 17 pages. Drgs. 2 sheets).

CLASS : 145 B & D.

152559.

Int. Class : D 21 f 1/00; 7/00.

A PAPER WEB MAKING APPARATUS.

Applicants : BELOIT CORPORATION OF WISCONSIN 53511, U.S.A.

Inventors : 1. JAN I. BERGSTROM, 2. RICHARD E. HERGERT.

Application No. 396/Cal/80 filed April 5, 1980.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A paper web making apparatus having a roll former, comprising : convergently related counter-rotating inner and outer forming belts defining therebetween a forming zone having a primary drainage area, said inner belt wrapping the perimeter of a rotary forming roll throughout a substantial circumferential area, at least the outer of said belts being porous for drainage therethrough, and beyond said primary drainage area also wrapping said forming roll with the paper web squeezed between the belts; means for directing a jet of paper making fiber stock slurry into said primary drainage area for primary drainage at least through said outer belt; and means for imposing pressure pulses on mobile fibers in suspension in said stock slurry in said primary drainage area for thereby effecting substantially uniform distribution of said fibers before the fibers become locked in the paper web.

(Compl. specn. 11 pages. Drg. 1 sheet.)

CLASS : 157 D.

152560.

Int. Class : E 01 c 31/00.

DEVICE FOR REMOVING IRREGULARITIES AND RIDGES FROM RAIL HEAD SURFACE.

Applicants : PRZMZ PLASSER BAHNBAUMASCHINEN-INDUSTRIE GESELLSCHAFT M.B.H. OF JOHANNESGASSE 3, VIENNA 1, AUSTRIA.

Inventors : ING. JOSEF THEURER.

Application No. 503/Cal/80 filed May 2, 1980.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A device for removing irregularities and ridges from rail head surface by a travelling on track machine, at least on one rail of laid track, comprising a tool carriage associated with each rail which is pivotally connected to the machine frame and which is designed for vertical adjustment and for application to the rail head surface by means of drives, being vertically and laterally guided on the rail head and comprising a tool support for a plane like cutting tool, characterised in that each tool carriage comprises two lateral guide rollers which are designed for firm guided application to the unworn part of the inside or outside of the rail head, both tool carriages being pivotally interconnected on either side of the tool support by variable length spacer members operable through hydraulic cylinder and piston drives for continuous gauge related spacing and in that the tool support equipped with the planing tool preferably on a separate tool holder and arranged substantially centrally between a number of vertical guide rollers is designed for adjustment relative to the

tool carriage by hydraulic cylinder and piston drives in planes parallel to the place of the track and to the longitudinal vertical plane of the rails perpendicularly of the longitudinal axis of the machine the planning tool adapted for introduction in particular into a head shaped tool holder of the tool support being designed for replaceably accommodating different planning blades adapted for application to the rail head profile of laid tracks, and in that a shaving collector unit is preferably provided for picking up and removing the shavings accumulating, particularly in the course of at least one planning run.

(Compl. specn. 32 pages. Drgs. 4 sheets.)

CLASS : 66 G; 113 C & G.

152561.

Int. Class : H 01 k 3/00.

METHOD OF MAKING A LAMP ASSEMBLY.

Applicants : LUCAS INDUSTRIES LIMITED OF GREAT KING STREET, BIRMINGHAM, B19 2XF, ENGLAND.

Inventors : BRIAN PERMERTON GYLES IRONS.

Application No. 612/Cal/80 filed May 24, 1980.

Convention date : 25th May 1979 (18390/79) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A method of making a lamp assembly comprising the steps of providing a plurality of bulb holders and a plurality of electrical supply contacts in a predetermined arrangement on an electrically insulating base, wiring said bulb holders and said electrical supply contacts together in a stamped conductor pattern, i.e. a predetermined pattern of conductive strips formed by a stamping operations from an electrically conductive sheet, and then removing those electrical wiring connections which are not required in the desired electrical circuit(s).

(Compl. specn. 9 pages. Drgs. 1 sheet.)

CLASS : 35 D & 39 P.

152562

Int. Class : B 01 J 1/00; C 01 f 11/46.

AN IMPROVED PROCESS FOR PREPARING CALCIUMSULPHATE HEMIHYDRATE.

Applicants : UNIE VAN KUNSTMESTFABRIEKEN B. V. OF MALIEBAAN 81, UTRECHT, THE NETHERLANDS.

Inventors : 1. ANDREAS CHRISTIAAN MICHAEL SMIT AND 2. CORNELIS ANTONIUS MARIA WATERJINGS.

Application No. 662/Cal/80 filed June 4, 1980.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

An improved process for preparing calcium sulphate hemihydrate, wherein

—phosphate rock is digested with concentrated nitric acid to form a calcium-containing digestion liquor.

—said digestion liquor is treated with a sulphate containing reagent to precipitate the calcium as calciumsulphate hydrate,

—said calciumsulphate dihydrate is recrystallized with the aid of concentrated nitric acid at elevated temperature into calciumsulphate hemihydrate, and aid of concentrated nitric acid at elevated temperature into calciumsulphate hemihydrate,

and—said calciumsulphate hemihydrate is separated from the resulting diluted nitric acid recrystallization liquor, this process being characterized in that :

- The digestion of the phosphate rock and the recrystallization of the calciumsulphate dihydrate is carried out with nitric acid having a concentration of 35-70 wt %.
- The diluted recrystallization liquor having an HNO_3 concentration between 29 to 55 wt % is concentrated through absorption of nitrous gases to an HNO_3 concentration, which is approximately the same as used for the recrystallization and digestion.
- A part of the so concentrated acidic liquor is recycled to the digestion zone to digest phosphate rock, and
- The balance of said acidic liquor is used for recrystallization of the calciumsulphate dihydrate formed from the digestion liquor of step C.

(Compl. specn. 11 pages. Drg. Nil).

CLASS : 108 B.

152563

Int. Class : C 21 b 13/02.

A METHOD OF REDUCING PARTICULATE IRON ORES TO METAL PARTICLES.

Applicants : HYLSA S. A. OF APDO POSTAL 996, MONTERREY, N. L. REPUBLIC OF MEXICO.

Inventors : 1. ENRIQUE RAMON MARTINEZ-VERA AND 2. JORGE DOMINGO BERRUN-CASTANON

Application No. 675/Cal/80 filed June 6, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A method of reducing particulate iron ores to metal particles having a desired degree of carburization in a vertical shaft, moving bed reactor which has a reduction zone in an upper part of the reactor for reducing said particulate iron ore in the upper portion of said bed, and a cooling zone in a lower part of the reactor for cooling the reduced metal particles in the lower portion of the bed; the method comprising the steps of feeding a heated reducing gas as herein described to a first predetermined point in said reduction zone and causing it to flow through the particulate iron ore in said reduction zone to a predetermined second spaced point in said reduction zone to reduce said ore, removing spent reducing gas from said reactor at said second point in said reduction zone; circulating a carbon-containing cooling gas in a loop comprising said cooling zone and a conduit external to said reactor, such conduit containing cooler means for cooling the cooling gas and pumping means for circulating the cooling gas; and adding carbon-containing make-up gas to the cooling gas loop, characterized in that the amount of addition of said carbon containing make-up gas to said cooling loop is based on the specific gravity of the cooling gas flowing through said cooling zone as herein described such that the amount of carburization of the reduced metal particles in the cooling zone occurs at a desired value of 2%.

Compl. specn. 16 pages. Drgs 2 sheets.

CLASS : 72 B.

152564.

Int. Class : C 06 b 3/00.

AN IMPROVEMENT IN OR RELATING TO A PROCESS FOR THE PRODUCTION OF CARTIDGES FROM GELATINE EXPLOSIVES.

Applicants : ZAKLADY TWORZYW SZTUCZNYCH OF "NITRON-FR" FRUPSKI MYLN, POLAND.

Inventors : 1. MR. ZYGMUNT BOROSZ, DIPL. ENG. CHEM., 2. MR. MARIAN AMBROZEK, DIPL. ENG. CHEM., 3. MR. JOACHIM GRZOSIEK, DIPL. ENG. CHEM. AND 4. MR. JAN GUGA, DIPL. ENG. CHEM.

Application No. 733/Cal/80 filed June 26, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

An improvement in or relating to a process for the production of cartridges from gelatine explosives comprising mixing nitroglycerine and/or nitroglycol with nitrocellulose at a temperature not exceeding 20°C to form a semiliquid mix adding to the mix any known desired additional components of the explosive and mixing to form a homogeneous mixture, producing cartridges from the mixture in paper or plastic casings and thereafter seasoning the cartridges at a temperature of at least 20°C for a period of at least seven days.

(Compl. specn. 15 pages. Drgs. Nil.)

CLASS : 127 A.

152565.

Int. Class : F 16 d 19/00.

ROTARY TORQUE TRANSMITTING DEVICE.

Applicants : DANA CORPORATION OF 4500 DORR STREET, TOLFD, OHIO, UNITED STATES OF AMERICA.

Inventors : 1. RICHARD ALLEN FLOTOW AND 2. WILLIAM HOWARD SINK.

Application No. 739/Cal/80 filed June 27, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A torque transmitting device comprising a hub;

a cover secured to said hub, said cover defining at least one opening having spaced side walls;

a plate mounted on said hub for limited rotation relative to said hub and said cover, said plate defining at least one opening having spaced side walls, said plate opening adapted for alignment with said cover opening;

resilient means disposed in said aligned openings adapted to transmit a yieldable drive between said hub and said plate, said resilient means comprising a first resilient member and a second resilient member disposed in said first resilient member, each of said resilient members having end portions;

means on at least one of said plate or cover opening side walls for engaging one of said resilient members,

at least one end portion of one of said resilient members spaced from said plate or cover opening side wall engaging means and engageable therewith upon limited relative rotation between said plate and said cover, and

at least one end portion of the other of said resilient members engaging said plate or cover opening side wall engaging means.

(Compl. specn. 14 pages. Drgs. 4 sheets.)

CLASS : 2 B & C.

152566

Int. Class : G 06 f 3/02; G 06 k 15/00.

PHOTO-OPTICAL KEYBOARD.

Applicants : BURROUGHS CORPORATION OF BURROUGHS PLACE, DETROIT, MICHIGAN, 48232, UNITED STATES OF AMERICA.

Inventors : EDWARD IRWIN NELSON.

Application No. 899/Cal/80 filed August 6, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A photo-optical keyboard having apertures for keys comprising :

a key having a keystone with sidewalls shaped to said apertures, at least one of said sidewalls having at least one flexible portion with a retainer flange thereon, said retainer flange serves as a stop restricting the upward motion of said key in said aperture said flexible portion having the resilience to allow said keys to be withdrawn from said aperture by hand pressure.

(Compl. specn. 16 pages. Drgs. 7 sheets.)

CLASS : 157 D. 6.

Int. Class : F 01 b 9/28.

RESILIENT RAIL FASTENING DEVICE FOR CONCRETE SLEEPERS.

Applicants : STEL HOESCH WERKE AKTIENGESELLSCHAFT OF EBFRHARDSTREASSE 12, 4600 DORTMUND 1, WEST GERMANY.

Inventors : 1. ING PETER DAHLHAUS, 2. HORST E. STEINFELD AND 3. ING. (GRED) WILHEIM STRIEPEKE.

Application No. 1094/Cal/80 filed September 26, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A resilient rail fastening device for use with concrete sleepers, comprising a shank carrying a spring part and having a claw arranged at one side on its lower end, and an aperture in the sleeper positively surrounding the shank and claw of the rail fastening device in use and the aperture, at the upper surface of the sleeper, having a cross-section corresponding to the claw projection surface perpendicular to the direction of the shank and, toward the region of the claw, widening out transversely of the direction of the claw by the thickness of the shank.

(Compl. specn. 7 pages. Drgs. 4 sheets)

CLASS 70 A & B.

152568.

Int. Cl. : C 22 d 3/00.

A DEVICE AND A PROCESS FOR ELECTROLYTIC PRODUCTION OF ALUMINIUM FROM ALUMINA DISSOLVED IN MOLTEN CRYOLITE BY IGNEOUS ELECTROLYSIS.

Applicants : ALUMINIUM PECHINEY OF 28, RUE DE BONNEL, 69003 LYON, FRANCE.

Inventors : 1. PIERRE HOMSI, 2. MAURICE KEIN-BORG, 3. BERNARD LANGON AND 4. PAUL MOREL.

Application No. 1156/Cal/80 filed October 13, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A process for the production of aluminium from alumina which comprises subjecting alumina dissolved in molten cryolite to igneous electrolysis in a series of igneous electrolytic cells, operating at an intensity capable of attaining 200,000 to 300,000 amperes, said cells comprising a parallelepiped box supporting carbon cathode blocks in which there are sealed

4. रजिस्ट्रीकरण प्रमाणपत्र का जारी किया जाना —

- (1) यदि रजिस्ट्रीकर्ता अधिकारी स्थापन का रजिस्ट्रीकरण करता है तो वह प्रधान नियोजक के प्ररूप 2 में रजिस्ट्रीकरण प्रमाणपत्र जारी करेगा ।
- (2) रजिस्ट्रीकर्ता अधिकारी प्ररूप 3 में एक रजिस्टर रखेगा जिसमें ऐसे स्थापनों की विशिष्टियां होंगी जिनके बारे में उसके द्वारा रजिस्ट्रीकरण प्रमाणपत्र जारी किए जाते हैं ।
- (3) यदि किसी स्थापन के बारे में रजिस्ट्रीकरण प्रमाणपत्र में विहित विशिष्टियों में कोई परिवर्तन होता है तो स्थापन को प्रधान नियोजक रजिस्ट्रीकर्ता अधिकारी को परिवर्तन होने की तारीख से तीस दिन के भीतर ऐसे परिवर्तन की विशिष्टियां और उसके लिए कारण सूचित करेगा ।

5. वे परिस्थितियां जिनमें रजिस्ट्रीकरण के लिये आवेदन नामंजूर किया जा सकेगा— (1) यदि रजिस्ट्रीकरण के लिये कोई आवेदन सभी प्रकार से पूर्ण नहीं हैं तो रजिस्ट्रीकर्ता अधिकारी प्रधान नियोजक से आवेदन को संशोधित करने की अपेक्षा करेगा ताकि वह सभी प्रकार से पूर्ण किया जा सके ।

(2) यदि प्रधान नियोजक रजिस्ट्रीकर्ता अधिकारी द्वारा अपेक्षित किए जाने पर ऐसा करने का लोप करता है या उसमें असफल रहता है तो रजिस्ट्रीकर्ता अधिकारी रजिस्ट्रीकरण के लिए आवेदन को नामंजूर कर देगा ।

6. रजिस्ट्रीकरण प्रमाणपत्र का संशोधन— (1) यदि नियम 4 के उपनियम (4) के अधीन सूचना की प्राप्ति पर रजिस्ट्रीकर्ता अधिकारी का समाधान हो जाता है कि स्थापन के रजिस्ट्रीकरण के लिए प्रधान नियोजक द्वारा दी गई फीस की रकम से अधिक रकम संदेय है तो वह प्रधान नियोजक से यह अपेक्षा करेगा कि वह इतनी रकम जमा करे जो प्रधान नियोजक द्वारा पहले दी गई रकम से साथ मिलकर स्थापन के रजिस्ट्रीकरण के लिये ऐसी संदेय उच्चतर रकम के बराबर है और ऐसी रसीद पेश करे जिसमें ऐसा जमा किया जाना दिखाया गया हो ।

(2) जहां नियम 4 के उपनियम (3) के निर्दिष्ट सूचना की प्राप्ति पर रजिस्ट्रीकर्ता अधिकारी का समाधान हो जाता है कि स्थापन की विशिष्टियों में जैसी वे रजिस्टर में प्ररूप 3 में दर्ज की गई है, कोई परिवर्तन हुआ है तो वह उक्त रजिस्टर का संशोधन करेगा और उसमें इस प्रकार हुए परिवर्तन को अभिलिखित करेगा ।

परन्तु ऐसा कोई संशोधन ऐसे संशोधन से पूर्व की गई किसी बात या कार्यवाही, या अर्जित किसी अधिकारी या उपगत किसी बाध्यता या दायित्व पर प्रभाव नहीं डालेगा ।

परन्तु यह और भी कि रजिस्ट्रीकर्ता अधिकारी रजिस्टर में प्ररूप 3 में तब तक कोई संशोधन नहीं करेगा जब तक कि प्रधान नियोजक द्वारा समुचित फीस जमा नहीं कर दी जाती है ।

7. अनुज्ञाप्ति के लिये आवेदन— (1) किसी ठेकेदार द्वारा धारा 8 की उपधारा (1) के खण्ड (क) के अधीन किसी व्यक्ति को भर्ती करने के लिए अनुज्ञाप्ति के दिए जाने के लिए प्रत्येक आवेदन तीन प्रतियों में प्ररूप 4 में उस अनुज्ञापन अधिकारी को किया जायेगा जिसकी उस क्षेत्र के संबंध में अधिकारिता है जिसमें भर्ती की जाती है ।

(2) धारा 8 की उपधारा (1) खण्ड (ख) के अधीन किसी प्रवासी कर्मचारी को नियोजित करने के लिए प्रत्येक आवेदन ठेकेदार द्वारा प्ररूप 5 में उस अनुज्ञापन अधिकारी को किया जाएगा जिसको उस क्षेत्र के संबंध में अधिकारिता है जिसमें स्थापना स्थित है ।

(3) (1) उपनियम (1) या उपनियम (2) के अधीन अनुज्ञाप्ति के दिए जाने के लिये प्रत्येक आवेदन के साथ प्रधान नियोजक का प्ररूप 6 में इस प्रभाव का प्रमाणपत्र भी होगा कि वह इस अधिनियम और उसके अधीन बनाए गए नियमों द्वारा, जहां तक वे प्रवासी कर्मकार की जिनकी बाबत ठेकेदार आवेदन कर रहा है, भर्ती या नियोजक के संबंध में उसको लागू होते हैं आबद्ध होने का बचनबद्ध करता है ।

(2) ऐसा प्रत्येक आवेदन अनुज्ञापन अधिकारी को या तो व्यक्तिगत रूप से दिया जाएगा या रजिस्ट्री डाक द्वारा उसे भेजा जाएगा ।

(4) उपनियम (1) या उपनियम (2) में निर्दिष्ट आवेदन की प्राप्ति पर सम्बंध अनुज्ञापन अधिकारी आवेदन की प्राप्ति की तारीख उस पर नोट करते के पश्चात आवेदक को रसीद देगा ।

(5) उपनियम (1) में निर्दिष्ट प्रत्येक आवेदक के साथ नियम 20 द्वारा यथा अपेक्षित रसीद लगाई जाएगी ।

8. वे विषय जिन पर अनुज्ञाप्ति के देने या उसके नामंजूर करने में विचार किया जायेगा : अनुज्ञाप्ति देने या देने से इन्कार करते समय लाईसेन्स अधिकारी निम्नलिखित विषयों पर विचार करेगा, अर्थात् :—

(क) क्या आवेदक—

- (1) अवयस्क हैं, या
- (2) विकृत चित का है और किसी सक्षम न्यायालय द्वारा इस प्रकार घोषित किया गया है 3, या
- (3) अनुमोदित दिवालिथा है, या
- (4) आवेदन की तारीख से ठीक पांच वर्ष की अवधि के दौरान किसी समय ऐसे अपराध से विद्वदोष ठहराया गया है जिसमें प्रशासन की राय में नैतिक अधिभत्ता अन्तर्गत स्त है :

(ख) क्या धारा 10 के उपधारा (1) के अधीन आवेदक को बाबत कोई आदेश किया गया है और और यदि किया गया है तो क्या उस आदेश की तारीख से तीन वर्ष की अवधि बीत गई है ।

8 Claims.

Improvement in or relating to a method for the production of carbon black by the thermal decomposition of acetylene, which is characterized by feeding acetylene to the zone of thermal decomposition in conjunction with at least one member selected from hydrogen, nitrogen, carbon monoxide, carbon dioxide, steam and exothermally decomposable hydrocarbons, with the linear feed rate of the mixed gas kept within the range of from 10 to 45 m/sec. and the temperature of the zone of thermal decomposition kept within the range of from 1700°C to 2400°C and the selected temperature maintained substantially constant by determining and controlling the composition of the mixed gas for thermal decomposition thereby enabling the acetylene to be decomposed at constant temperature.

(Compl. specn. 24 pages. Drgs. 2 sheets.)

CLASS : 206 H₂.

152574.

Int. Cl. H 03 b 5/00.

A TRANSISTOR OSCILLATOR CAPABLE OF PROVIDING A MODULATED HIGH POWER OUTPUT AT VERY HIGH FREQUENCY.

Applicants : SIEMENS AKTIENGESELLSCHAFT OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : 1. WILHEIM AMEND, 2. UDO KLUH AND 3. WALTER PICHON.

Application No. 203/Cal/81 filed February 23, 1981.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A transistor oscillator capable of providing a modulated high power output at very high frequencies in which an amplified base band signal is fed in phase to control the oscillator frequency via two paths, one modulating the base bias voltage of a RF transistor oscillator for the output stage via a bias voltage transistor and a capacitor connected to the base band signal input, and the other modulating the frequency of a resonator which is connected to the base of the RF transistor oscillator by control of a capacitively coupled modulation diode.

(Compl. specn. 8 pages. Drg. 1 sheet.)

CLASS : 68 E.

152575.

Int. Cl. : H 02 j 3/18.

A POWER FACTOR CONTROLLER FOR A THREE PHASE A. C. INDUCTION MOTOR.

Applicants : NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, OF NASA HEADQUARTERS, WASHINGTON D. C. 20546, U.S.A.

Inventors : 1. FRANK JOSEPH NOLA.

Application No. 90/Cal/81 filed January 28, 1981.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A power factor control system for a three phase A. C. induction motor comprising first, second and third phase detection circuits for sampling the current and voltage in each of said three phases and providing discrete outputs each of which varies in accordance with the difference in phase between said current and said voltage, means for developing a power factor command signal, summing and difference circuitry for combining the three outputs of said detection circuits to derive therefrom a summed signal and for subtracting said command signal from said summed signal to provide a subtraction signal integration circuitry responsive to said subtraction signal for providing a control signal, a plurality of comparator means for developing individual phase triggering signals each associated with one of said

phase triggering signals each associated with one of said from the sampled phase voltages, and a plurality of discrete signal responsive switches individually connected in series, in use, with each phase input of said motor, each switch being responsive to the associated triggering signal of that phase for varying the "on" time of the switch during each cycle of input power to an associated motor phase as a direct function of load on said motor and/or input voltage fluctuations, whereby an increase in the phase difference between said supply voltage and said load current caused by an increased supply voltage and/or a reduced motor load is compensated for by a reduction in power to said motor, generally improving its efficiency.

(Compl. specn. 13 pages. Drgs. 2 sheets.)

Class : 172 C.

152576.

Int. Cl. : D 06 c 15/00.

AN IMPROVED ARRANGEMENT FOR FEEDING FABRIC TO A CALENDER MACHINE.

Applicants & Inventors : SATNAM SINGH OF P. O. ALAMBAZAR, CALCUTTA-700 035, WEST BENGAL, INDIA.

Application No. 349/Cal/82 filed March 29, 1982—Complete Specification left on September 21, 1982.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A improved arrangement for loom-state feeding of fabric to a calender machine comprising a supporting means, disposed behind the calender machine, to support a roll of fabric in parallel relationship with the calender machine, and laterally stretched guide rolls/pipes disposed in relation to the said supporting means and the components of the calender machine such that both the surfaces of a fabric become visible for inspection of fabric defects, if any, on either side of the fabric, in the event of the fabric being taken out of the said fabric roll and passed over said guide rolls/pipes for being fed to the calender machine.

(Compl. specn. 13 pages. Drgs. 2 sheets.)

OPPOSITION PROCEEDINGS

(1)

An opposition has been entered by Belpahar Refractories Ltd. to the grant of a patent on application No. 151749 made by Orissa Cement Limited.

(2)

An opposition has been entered by Elpro International Ltd to the grant of a patent on application No. 151775 made by Mitsubishi Denki Kabushiki Kaisha.

PATENTS SEALED

149931 150245 150478 151168 151210 151254 151308 151319
151427 151430 151437 151438 151441 151447 151452 151453
151454 151457 151459 151461

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

Notice is hereby given that The Calor Group Limited, a British company, of Calor House, Windsor, Road, Slough SL1 2EQ, England have made an application under Section 57 of the Patents Act, 1970 for effecting change in their name and address in the specification of application for Patent No. 756/DEL/79 for "A method of preparing a new thermal energy storage material". The amendments are to effect the change in the name and address of applicants. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, Municipal Market Building, 3rd Floor, Saraswati Marg, Karol Bagh, New Delhi-110005 or copies of the same can be had on payment of the usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office Branch, New Delhi. If written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that the Marley Company, Delaware Corporation, 5800 Foxridge Drive, Mission, Kansas 66202 U.S.A. have made an application under section 57 of the Patents Act, 1970 for amendment of application and specification of their patent application No. 151580 for "Air Moving Mechanism". The amendment are by way of changing address to "1900 Johnson Drive, Mission Woods, Kansas 66205, United States of America". The application for amendment and the proposed amendments can be inspected free of charge of the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, at any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

RENEWAL FEES PAID

119444 119765 119799 123497 124795 124977 125203 125282
 125299 125373 125381 129709 130137 130653 130688 130752
 131748 131772 131840 134195 134247 134256 134291 134342
 134371 134381 134416 134498 134988 135019 135087 136080
 136563 137559 137581 137956 138060 138221 138343 138596
 138820 138990 139381 139831 140103 140491 140492 140555
 140868 141000 141053 141408 141456 141492 141864 142633
 142656 143234 143417 143658 143722 143768 143770 144052
 144575 144690 144973 145275 145543 145999 146076 146204
 146216 146485 146638 147193 147202 147219 147230 14758*
 147706 147795 147806 148101 149228 149422 149502 149515
 149625 149854 150307 150699 150743 150784 150857 150877
 150889 150948 150952 150953 150958 150959 150960 150966
 150975 150984 150986 150988 150989 150990 150991 150997
 150999 151049 151050 151070 151071

REGISTRATION OF ASSIGNMENT, LICENCES ETC.
(DESIGN)

Assignment, Licences or other transaction effecting the interest of the original proprietors have been registered in the following cases. The number of the case is followed by the name of the applicant for registration :

Number	Class No.	Name
146741	3	AMAR ENTERPRISES, Smt. Maniben Hansraj,
147629	3	Smt. Damayanti Dhirajlal, Smt. Hema Khushalchand,
150719	3	Smt. Jyotsna Rohit and Shri Harish Kumar Popatlal,

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class. 1. No. 153248. Crompton Greaves Limited, an Indian Company, of 1, V. B. Gandhi, Marg, Bombay-400 023, Maharashtra State, India. X an "Impeller for Regenerative Side Channel Pump". 11th July, 1983.

Class. 1. No. 153252. Seth Industrial Corporation, 80-A, Industrial Estate, Ludhiana, Punjab State, an Indian Partnership Firm. "Chain Wheel for Bicycles and Cycle Rickshaws". 11th July, 1983.

Class. 1. No. 153473. Cold Breeze Engineering (P) Limited, (an existing Company under the provisions of Indian Companies Act) of 3/8, Grewa Industrial Estate, Vadodara-390 016, State of Gujarat, India. "Water Fountain". 15th September, 1983.

Class. 1. No. 153502. United States Surgical Corporation, a corporation of the State of New York, having its offices at 150 Glover Avenue, Norwalk, Connecticut-06850, U.S.A. "Surgical Occluding and Cutting Instrument". 29th September, 1983.

Class. 1. No. 153255. Khatan Fans Private Limited, an Indian Company of Everest, 46-C, J. L. Nehru Road, 18th Floor, Calcutta-700 071, West Bengal, India. "Ceiling Fan". 13th July, 1983.

Class. 1. No. 153507. United States Surgical Corporation, a corporation of the State of New York, having its offices at 150 Glover Avenue, Norwalk, Connecticut-06850, U.S.A. "Disposable Cartridge for a linear Surgical Stapler". 29th September, 1983.

Class. 1. No. 153511. United States Surgical Corporation, a corporation of the State of New York, having its offices at 150 Glover Avenue, Norwalk, Connecticut-06850, U.S.A. "Surgical Staple Remover". 29th September, 1983.

Class. 3. No. 153512. United States Surgical Corporation, a corporation of the State of New York, having its offices at 150 Glover Avenue, Norwalk, Connecticut-06850, U.S.A. "Surgical Staple Remover". 29th September, 1983.

Class. 3. No. 153508. United States Surgical Corporation, a corporation of the State of New York, having its offices at 150 Glover Avenue, Norwalk, Connecticut-06850, U.S.A. "Disposable Cartridge for a linear Surgical Stapler". 29th September, 1983.

Class. 3. No. 153585. Prince Plastics, 312, Churchgate Chambers, 5, New Marine Lines, Churchgate, Bombay-400 020, Maharashtra, an Indian Partnership Firm. "Tray with six containers". 22nd October, 1983.

Class. 3. No. 153589. Universal Luggage Manufacturing Company Private Limited (an existing Company under the provisions of Indian Companies Act) of Shah Industrial Estate, Building 'B', Kakivihar Road, Bombay-400 072, State of Maharashtra, India. "Suit Case". 24th October, 1983.

Class. 3. No. 153498. Paramount Industrial Corporation, B-24/2 Wazirpur Industrial Area, Delhi-52, an Indian Partnership Firm. "Lunch Box". 26th September, 1983.

Class. 3. No. 153568. Dixon Enterprises, 351, Dr. D. N. Road, Fort, Bombay-400 001, Maharashtra State, an Indian Sole Proprietor Firm. "Phone Air Freshener". 17th October, 1983.

Clas. 3. No. 153503. United States Surgical Corporation, a corporation of the State of New York, having its offices at 150 Glover Avenue, Norwalk, Connecticut-06850, U.S.A. "Surgical Occluding And Cutting Instrument". 29th September, 1983.

Class. 3. No. 153476. Salequip Private Limited, a limited liability, Company, incorporated under the Companies Act, 1913, Manufacturers and Traders, trading as Salequip Private Limited, with the Registered Office at Mani Mahal, 11/21, Mathew Road, Opera House, Bombay-400 004, Maharashtra, India. "Air Conditioner Top Grill". 17th September, 1983.

Class. 3. No. 153697. Shakti Instruments, Ganesh Phadnavis Bhavan, Near Triangular Park, Dharampeth, Nagpur-440 010, Maharashtra, Indian sole proprietary firm. "Air Purifier". 23rd November, 1983.

Class. 3. 153413. Ajit Singh, Proprietor, A. S. K. Rubber Factory, Hosiarpur Road, Jalandhar (Punjab), an Indian National. "Rubber sheets for soles for foot-wears". 1st September, 1983.

Class. 3. No. 153247. Crompton Greaves Limited, an Indian Company, of 1, V. B. Gandhi Marg, Bombay-400 023, Maharashtra State, India. "an Impeller for Regenerative Side Channel Pump". 11th July, 1983.

Class. 3. No. 153414. Ajit Singh, Proprietor A. S. K. Rubber Factory, Hosiarpur Road, Jalandhar (Punjab), an Indian National. "Rubber sheets for soles for foot-wears". 1st September, 1983.

Class. 3. No. 153415. Ajit Singh, Proprietor, A. S. K. Rubber Factory, Hosiarpur Road, Jalandhar (Punjab), an Indian National. "Rubber sheets for soles for foot-wears". 1st September, 1983.

Class. 4. No. 153277. National Industrial Corporation Ltd. also trading as—Ajudhia Distillery. A Company incorporated under the Indian Companies Act, 1-Khan Market, New Delhi-110 003. India. An Indian Company. "Bottle". 19th July, 1983.

Class. 4. No. 153109. Jg Glass Industries Ltd., Pimpri, Pune-4110018, Maharashtra State, India, an Indian Company. "Soft Drink Bottle". 19th May, 1983.

Class. 4. No. 153110. Same as in case No. 153109 linked up.

Class. 4. No. 153111. Same as in case No. 153109 linked up.

Class. 4. No. 153112. Same as in case No. 153109 linked up.

Class. 4. No. 153113. Same as in case No. 153109 linked up.

Class. 4. No. 153114. Same as in case No. 153114 linked up.

Extn. of Copyright for the Second period of five years.

Nos. 153220, 153221, 149033, 149325, 153281, Class-1.

No. 153069. Class-3.

Nos. 148542, 148543, 148544, 148545, 148546, 148547, 148548, 148549. Class 9.

Extn. of Copyright for the Third period of five years.

Nos. 153220, 153221, 153281. Class-1.

Nos. 153069, 141901. Class-3.

No. 141580. Class-4.

No. 141528. Class-5.

SHANTI KUMAR,
Controller-General of Patents,
Designs and Trade Marks.